Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Saturday 17 Jun 2023 until 23:59 on Sunday 18 Jun 2023

Forecast Issued on Friday 16 Jun 2023 at 13:01

Confidence: High for warm conditions and for the transition through the weekend to more unsettled weather with showers and thunderstorms. Lower confidence in exact details and timings of showers.

Headline for Saturday 17 Jun 2023: Bright start. A cloudier afternoon with an outside chance of showers.

Mountain weather hazards on Saturday 17 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Medium Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	<05%	10%	20%	20%	20%	10%	10%

Forecast for Saturday 17 Jun 2023

Weather: Cloudy periods spells turning sunshine hazy at times, fewer bright spells during the afternoon. As temperatures rise, there is a chance of a few isolated daytime showers developing, there is a slight possibly that one or two of these may turn locally heavy or thundery late afternoon, mainly in the west of the Park and towards Manchester. Some clearer spells overnight.

Chance of cloud-free hill tops above 600m: Greater than 90%.

Low cloud and visibility: Although a generally cloudy day, bases should remain comfortably above the summits throughout. Very good visibility expected, falling to moderate in the vicinity of any showers that may develop.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 17 Jun 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/25 SE	14/21 SE	11/17 SE	10/14 SE	10/15 SE	9/14 SE	8/12 SE	10/15 E	11/17 SE
300	13/24 SE	8/16 SE	6/10 SE	7/12 SE	9/14 SE	8/13 SE	6/11 SE	7/13 E	8/16 E
Valley	8/20 E	7/12 E	4/9 SE	7/12 SE	7/13 SE	7/13 SE	6/12 SE	6/13 E	7/14 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/12	15/12	16/13	15/14	16/14	16/14	16/15	15/13	14/12
300	17/13	15/14	16/15	18/16	19/17	19/17	19/18	17/16	16/14
Valley	17/15	16/15	17/17	19/18	20/19	21/19	20/19	18/16	16/15
Freezing Level*	2600m	2500m	2400m	2300m	2300m	2500m	2800m	2800m	2800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Warm and humid conditions are expected, with elevated UV levels forecast. Conditions may deteriorate quickly around any showers that develop.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 15 Jun 2023	0mm	0mm	3mm

Forecast for Sunday 18 Jun 2023

Weather: An unsettled day expected across the Peaks after a fine start. Cloud is expected to bubble up from mid-morning, with showers breaking out in many areas. These showers develop into thunderstorms with a risk of hail and lightning, however the confidence surrounding extent and duration of thunderstorms remains low at this stage. Showers are expected to ease through the evening, with clear spells overnight.

Maximum wind: East 15-20mph, stronger gusts of 30-40mph in a variable directing possible around heavy showers.

Chance of cloud-free hill tops above 600m: Greater than 90%, lowering to 70% during the afternoon and evening.

Low cloud and visibility: Cloud bases are expected to remain well above summits through Sunday. However, should heavy showers become slow-moving, there is a chance that patchy cloud may lower to obscure the highest summits, with bases around 600m. Very good visibility, lowering to moderate or poor in heavy or thundery showers.

Temperature: **Valleys:** Plus 13 Celsius, rising to Plus 22 Celsius.
At 600m: Plus 12 Celsius, rising to Plus 20 Celsius.
Freezing level: Well above summits.

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